

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	31	vollmer-dirk.in. or weible-reinhold.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/07/09 14:07
S2	14	("20060202144"   "4016965"   "4482094"   "4482094"   "5082180"   "6688579"   "6837221").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/07/09 14:12
S3	4	("4878650"   "6328276").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/07/09 14:13
S4	532	251/50.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/07/09 14:15
S5	825	251/24,123,124,129.17.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/07/09 15:06
S6	66	251/24,123,124,129.17.ccls. and damp\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/07/09 15:07

S7	32	251/120,24,123,124,129.01,129.07,282,331,129.17.ccls. and (damp\$5 same throttl\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/07/09 15:32
S8	20	("3234966"   "3298677"   "3521857"   "3675681"   "3721431"   "3960177"   "4078025"   "4305892"   "4329964"   "4379096"   "4387063"   "4539163"   "4966735"   "5480123").PN. OR ("6367772"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/09 15:46
S9	1	("3450381").URPN.	USPAT	OR	OFF	2009/07/09 15:54
S10	11	("2500555"   "2679263"   "3316031"   "3450381"   "3631887"   "4287813"   "4340234").PN. OR ("4484726").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/09 15:55
S11	88	("2019650"   "2022643"   "2190464"   "2770394"   "3556464"   "3779225"   "3810485"   "3958902"   "4161161"   "4174693"   "4214565"   "4269361"   "4303096"   "4417693"   "4485843"   "4501246"   "4569641"   "4618095"   "4619239"   "4627571"   "4628727"   "4730585"   "4747545"   "4782807"   "4829967"   "4889288"   "4911366"   "4917065"   "4957275"   "4979674"   "4986728"   "5025768"   "5062449"   "5118076"   "5125807"   "5241935"   "5341783"   "5345916"   "5373828"   "5385455"   "5423484"   "5425341"   "5427352"   "5441029"   "5464334"   "5494219"   "5517972"   "5524826"   "5533481"   "5562428"   "5566660"   "5619969"   "5632444"   "5647536"   "5651501"   "5662087"   "5669356"   "5673853"   "5685490"   "5694903"   "5706778"   "5709341"   "5711277"   "5727738"   "5730104"   "5730261"   "5738075"   "5749717"   "5752659"   "5765755"   "5769319"   "5775301"   "5803370"   "5860597"   "5865213"   "5868317"   "5954487").PN. OR ("6059545").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/09 15:57
S12	14	("3523676"   "3666231"   "3768517"   "4634096"   "4852853"   "5139224"   "5601275"   "5722633"   "5918635"   "6003838"   "6021997"   "6739571"   "6959907").PN. OR ("7040594").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/09 16:42
S13	11	("251"/\$.ccls. or "137"/\$.ccls.) and ((damping adj1 chamber) same (groove or notch or chamfer) same throttl\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/09 16:54
S14	2	("5560549"   "5901941").PN. OR ("6820858").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/09 17:00
S15	19	("251"/\$.ccls. or "137"/\$.ccls.) and ((damping adj1 chamber) same (groove or notch or chamfer or slit or recess\$4) same throttl\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 17:02

S16	128	("251"/\$.ccls. or "137"/\$.ccls.) and (damping same (groove or notch or chamfer or slit or recess\$4) same throttl\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/13 08:44
S17	2	("5560549"   "5901941").PN. OR ("6820858").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/13 08:47
S18	1	("3450381").URPN.	USPAT	OR	OFF	2009/07/13 10:05
S19	12	("5832883").PN. OR ("6101992").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/13 10:16
S20	16	("5261610"   "5490534"   "5704314"   "5762035"   "5785016"   "5927237"   "5961097"   "5964192"   "5967413"   "6032925"   "6062531"   "6101992"   "6289858").PN. OR ("6554248").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/13 10:21
S21	12	("4067667"   "4515343"   "4883025"   "5223812"   "5762035"   "5832883"   "5988124"   "6101992").PN. OR ("6572074").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/13 10:33
S22	62	("2923521"   "3833102"   "4312494"   "4457270").PN. OR ("4515343"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/13 10:59
S23	62	("2923521"   "3833102"   "4312494"   "4457270").PN. OR ("4515343"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/13 11:35
S24	85	("2923521"   "3036808"   "3383084"   "3814376"   "3853102"   "3882833"   "4000756"   "4009695"   "4392632"   "4455543"   "4512549"   "4515343"   "4544986").PN. OR ("4794890").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/13 11:48
S25	12	("4067667"   "4515343"   "4883025"   "5223812"   "5762035"   "5832883"   "5988124"   "6101992").PN. OR ("6572074").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/13 12:02
S26	4	("3164225").URPN.	USPAT	OR	OFF	2009/07/13 12:10
S27	4	("3164225").URPN.	USPAT	OR	OFF	2009/07/13 12:14
S28	19	("3661183"   "4531708"   "5110087"   "5244150"   "5462253"   "5540564"   "5547165"   "5560549"   "5615860"   "5785298"   "5901941").PN. OR ("6062531").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/13 12:48

S29	104	"0850738"   "1053340"   "2169683"   "2267515"   "2840769"   "2860850"   "2947284"   "3136220"   "3185779"   "3219095"   "3368791"   "3429340"   "3433256"   "3498330"   "3521854"   "3529620"   "3534770"   "3545472"   "3586287"   "3628767"   "3688495"   "3817488"   "3861643"   "3861644"   "3873060"   "3961644"   "3982554"   "4005733"   "4120214"   "4196751"   "4251052"   "4258749"   "4285603"   "4299374"   "4304391"   "4337794"   "4386626"   "4419642"   "4522371"   "4524948"   "4534375"   "4567910"   "4601277"   "4715396"   "4729397"   "4846439"   "4875499"   "4967781"   "4971116").PN. OR ("5110087"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/13 13:12
S30	104	"0850738"   "1053340"   "2169683"   "2267515"   "2840769"   "2860850"   "2947284"   "3136220"   "3185779"   "3219095"   "3368791"   "3429340"   "3433256"   "3498330"   "3521854"   "3529620"   "3534770"   "3545472"   "3586287"   "3628767"   "3688495"   "3817488"   "3861643"   "3861644"   "3873060"   "3961644"   "3982554"   "4005733"   "4120214"   "4196751"   "4251052"   "4258749"   "4285603"   "4299374"   "4304391"   "4337794"   "4386626"   "4419642"   "4522371"   "4524948"   "4534375"   "4567910"   "4601277"   "4715396"   "4729397"   "4846439"   "4875499"   "4967781"   "4971116").PN. OR ("5110087"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/13 14:24
S31	0	("2005/0001183").URPN.	USPAT	OR	OFF	2009/07/14 10:33
S32	88	"2019650"   "2022643"   "2190464"   "2770394"   "3556464"   "3779225"   "3810485"   "3958902"   "4161161"   "4174693"   "4214565"   "4269361"   "4303096"   "4417693"   "4485843"   "4501246"   "4569641"   "4618095"   "4619239"   "4627571"   "4628727"   "4730585"   "4747545"   "4782807"   "4829967"   "4889288"   "4911366"   "4917065"   "4957275"   "4979674"   "4986728"   "5025768"   "5062449"   "5118076"   "5125807"   "5241935"   "5341783"   "5345916"   "5373828"   "5385455"   "5423484"   "5425341"   "5427352"   "5441029"   "5464334"   "5494219"   "5517972"   "5524826"   "5533481"   "5562428"   "5566660"   "5619969"   "5632444"   "5647536"   "5651501"   "5662087"   "5669356"   "5673853"   "5685490"   "5694903"   "5706778"   "5709341"   "5711277"   "5727738"   "5730104"   "5730261"   "5738075"   "5749717"   "5752659"   "5765755"   "5769319"   "5775301"   "5803370"   "5860597"   "5865213"   "5868317"   "5954487").PN. OR ("6059545").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/14 10:37

S33	0	251/23,50.ccls. and noncircular	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/14 10:51
S34	6	251/23,50.ccls. and (polygon\$4 or noncircular or non-circular)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/14 10:51
S35	27	("251"/\$.ccls. or "137"/\$.ccls.) and ((polygon\$3 or non-circular or noncircular or square) adj4 damp\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/14 10:56
S36	31	("251"/\$.ccls. or "137"/\$.ccls.) and ((polygon\$3 or non-circular or noncircular or square) adj4 damp\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/14 11:04
S37	10	("2868492").URPN.	USPAT	OR	OFF	2009/07/14 11:16
S38	5	("2826215"   "2826215"   "4312380"   "4312380"   "5915669"   "6065734").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/14 11:34
S39	2	"6328276".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/07/14 15:15
S40	12	("2621015"   "3737141"   "4114125"   "4364541"   "4878650"   "4932434"   "5443241"   "5791630"   "5810330").PN. OR ("6328276").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/14 15:15
S41	0	"251"/\$.ccls. and (diaphragm with (lost adj2 motion))	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/14 15:20
S42	0	"251"/\$.ccls. and (diaphragm with (lost adj2 motion))	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/14 15:20
S43	0	"251"/\$.ccls. and (diaphragm same (lost adj2 motion))	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/14 15:20
S44	563	251/129.17,129.19.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/14 15:23
S45	25	251/129.19.ccls. and diaphragm	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/14 15:25
S46	66	251/63.4.ccls. and diaphragm	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/14 15:40
S47	218	251/63.4,129.17,129.19,50.ccls. and damp\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/14 16:05
S48	1	"4364541".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/14 16:17

S49	0	("2004/0155212").URPN.	USPAT	OR	OFF	2009/07/14 16:29
S50	4	("4364541"   "5579741"   "5937884"   "5944053").PN.	USPAT	OR	OFF	2009/07/14 16:31
S51	0	("2004/0155212").URPN.	USPAT	OR	OFF	2009/07/14 16:51

**7/16/2009 4:09:40 PM**

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